



July 2009

DEPARTMENT OF EDUCATION
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 6

Test Date: March 2009
Code: 10881284
SAU: Lewiston School Department
School: Thomas J McMahon Elementary Sc

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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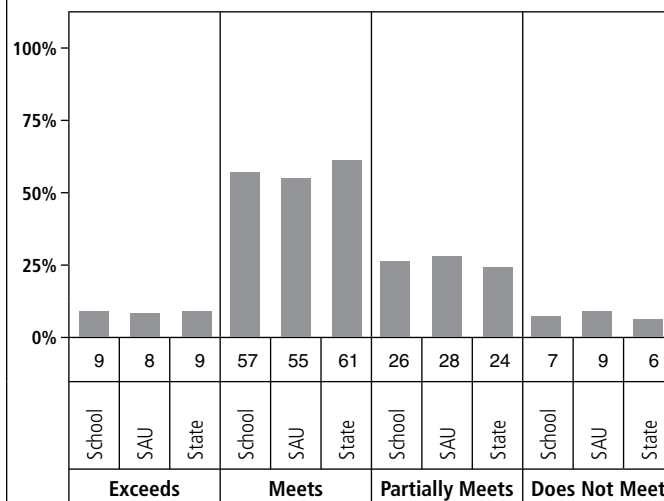
SUMMARY OF SCORES

Test Date: March 2009
 Grade: 6
 SAU: Lewiston School Department
 School: Thomas J McMahon Elementary Sc

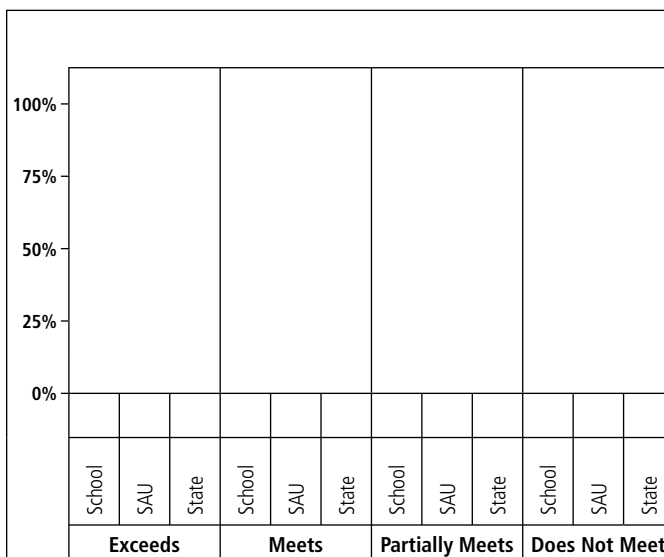
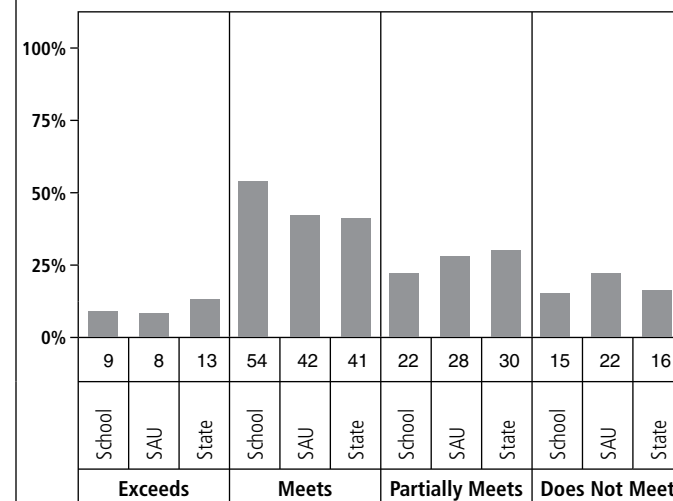
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	644	641	646
2007–2008	645	643	648
2008–2009	645	644	647
Cum. Avg.*	645	643	647
Mathematics			
2006–2007	643	638	643
2007–2008	638	636	642
2008–2009	645	640	643
Cum. Avg.*	642	638	643

ELA – READING



MATHEMATICS



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
Grade: 6
SAU: Lewiston School Department
School: Thomas J McMahon Elementary Sc

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
							ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	54	100	327	100	14251	100	54	100	323	99	14150	99	54	100	325	99	14156	100						
Ethnicity African American/Black	5	9	69	21	421	3	5	100	67	97	412	98	5	100	69	100	415	99						
American Indian or Native Alaskan	0	0	1	0	128	1	0	0	1	100	127	99	0	0	1	100	128	100						
Asian or Pacific Islander	0	0	3	1	212	1	0	0	3	100	210	99	0	0	3	100	212	100						
Hispanic	0	0	6	2	181	1	0	0	6	100	177	98	0	0	6	100	178	99						
Caucasian/White	49	91	248	76	13309	93	49	100	246	99	13224	100	49	100	246	99	13223	100						
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Identified disability	20	37	59	18	2468	17	20	100	59	100	2423	99	20	100	59	100	2426	99						
Current LEP	4	7	49	15	341	2	4	100	47	96	330	97	4	100	49	100	338	99						
Economically disadvantaged	21	39	212	65	5780	41	21	100	209	99	5724	99	21	100	210	99	5725	99						
Migrant	0	0	0	0	4	0	0	0	0	0	4	100	0	0	0	0	4	100						

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	35	65	243	74	11369	80	35	65	236	72	11373	80						
Identified disability (PET/IEP)	3	9	15	6	355	3	3	9	15	6	371	3						
LEP	1	3	17	7	167	1	1	3	17	7	170	1						
504 plan	1	3	5	2	172	2	1	3	5	2	175	2						
Participation with accommodations	19	35	76	23	2594	18	19	35	85	26	2605	18						
Identified disability (PET/IEP)	17	89	40	53	1881	73	17	89	40	47	1877	72						
LEP	3	16	30	39	155	6	3	16	32	38	161	6						
504 plan	0	0	0	0	74	3	0	0	0	0	71	3						
Other	0	0	7	9	519	20	0	0	14	16	532	20						
Participation through alternate assessment (PAAP)	0	0	4	1	187	1	0	0	4	1	178	1						
Identified disability (PET/IEP)	0	0	4	100	187	100	0	0	4	100	178	100						
LEP	0	0	0	0	8	4	0	0	0	0	7	4						
504 plan	0	0	0	0	0	0	0	0	0	0	0	0						
Approved non-participation in reading – 1st year LEP	0	0	0	0	0	0												
Approved non-participation – special consideration	0	0	0	0	26	0	0	0	0	0	25	0						
Non-participation – other	0	0	4	1	75	1	0	0	2	1	70	0						

¹Percents are the percentage of students enrolled in each participation category.

²Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2009
Grade: 6
SAU: Lewiston School Department
School: Thomas J McMahon Elementary Sc

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 662–680)	2006-2007	2	3	11	3	1132	8
	2007-2008	3	6	26	8	1817	13
	2008-2009	5	9	24	8	1309	9
	Cum. Total*	10	6	61	6	4258	10
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 642–660)	2006-2007	38	60	172	48	8127	57
	2007-2008	34	64	177	53	8072	57
	2008-2009	31	57	177	55	8564	61
	Cum. Total*	103	61	526	52	24763	59
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 630–640)	2006-2007	18	29	116	32	3549	25
	2007-2008	11	21	82	24	3194	23
	2008-2009	14	26	88	28	3291	24
	Cum. Total*	43	25	286	28	10034	24
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 600–628)	2006-2007	5	8	58	16	1478	10
	2007-2008	5	9	52	15	981	7
	2008-2009	4	7	30	9	799	6
	Cum. Total*	14	8	140	14	3258	8

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	56	100	32.4	57.9	31.6	56.4	33.8	60.4
A1/A2 Interconnected Elements/Literary Text	20	36	11.4	57.0	11.1	55.5	11.9	59.5
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	36	64	21.1	58.6	20.6	57.2	21.9	60.8

The MEA assesses students’ reading skills based on questions related to three types of reading passages: literary, informational, and persuasive. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.



ELA-READING RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 6
 SAU: Lewiston School Department
 School: Thomas J McMahon Elementary Sc

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	54	5	9	31	57	14	26	4	7	645	319	8	55	28	9	644	13963	9	61	24	6	647
Ethnicity																						
African American/Black	5	0	0	1	20	2	40	2	40	635	67	7	31	39	22	639	403	5	46	34	15	641
American Indian or Native Alaskan	0										1						125	4	49	38	10	642
Asian or Pacific Islander	0										3						206	18	56	20	6	649
Hispanic	0										6	0	50	33	17	643	174	5	55	33	7	644
Caucasian/White	49	5	10	30	61	12	24	2	4	646	242	7	62	25	6	646	13055	9	62	23	5	647
Not Reported	0										0						0					
Identified disability																						
Yes	20	0	0	5	25	12	60	3	15	637	55	0	24	55	22	635	2236	1	30	48	22	637
No	34	5	15	26	76	2	6	1	3	650	264	9	62	22	7	646	11727	11	67	19	3	649
Current LEP																						
Yes	4										47	2	19	47	32	634	322	2	39	37	21	638
No	50	5	10	30	60	12	24	3	6	646	272	8	62	24	6	646	13641	10	62	23	5	647
Economically disadvantaged																						
Yes	21	1	5	11	52	7	33	2	10	643	207	7	48	31	14	643	5617	4	54	33	9	643
No	33	4	12	20	61	7	21	2	6	647	112	8	69	21	2	648	8346	13	66	17	3	650
Migrant																						
Yes	0										0						4					
No	54	5	9	31	57	14	26	4	7	645	319	8	55	28	9	644	13959	9	61	24	6	647
Gender																						
Female	26	3	12	15	58	6	23	2	8	647	162	9	57	23	10	645	6743	13	63	20	4	649
Male	28	2	7	16	57	8	29	2	7	644	157	6	54	32	9	643	7220	6	60	27	7	645
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	8	0	0	5	63	3	38	0	0	644	104	3	33	47	17	638	1408	4	41	43	12	641
No	46	5	11	26	57	11	24	4	9	646	215	10	67	18	6	648	12555	10	64	21	5	648
Gifted/talented program																						
Yes	7	2	29	5	71	0	0	0	0	657	34	44	56	0	0	660	636	39	59	2	0	659
No	47	3	6	26	55	14	30	4	9	644	285	3	55	31	11	643	13327	8	61	25	6	647

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
 Grade: 6
 SAU: Lewiston School Department
 School: Thomas J McMahon Elementary Sc

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	15	1	13	4	50	1	13	2	25	643	7	10	48	24	19	640	6	5	47	32	16	642
B. less than one hour	75	3	8	24	62	10	26	2	5	646	58	5	59	28	7	645	59	9	62	24	5	647
C. one to two hours	10	0	0	3	60	2	40	0	0	645	29	8	53	29	11	644	32	11	64	21	4	648
D. more than two hours	0										6	22	44	17	17	646	3	10	50	26	13	644
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	26	3	21	9	64	2	14	0	0	652	34	11	62	17	9	647	31	17	66	14	3	651
B. good	58	2	6	18	58	9	29	2	6	645	47	7	57	29	7	645	48	8	64	23	5	647
C. fair	11	0	0	3	50	2	33	1	17	638	16	2	45	41	12	640	18	2	48	40	10	641
D. poor	4	0	0	1	50	0	0	1	50	631	4	0	25	42	33	634	2	1	34	47	18	638
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	60	5	16	20	63	7	22	0	0	649	51	12	59	24	6	647	38	13	65	18	3	650
B. They match some of what I have learned.	30	0	0	11	69	4	25	1	6	643	40	4	57	28	11	643	49	8	63	24	5	647
C. They match just a little of what I have learned.	6	0	0	0	0	1	33	2	67	628	7	0	24	52	24	636	10	5	48	36	11	642
D. There is no match.	4	0	0	0	0	1	50	1	50	630	2	0	43	29	29	638	3	3	35	38	24	639
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	23	2	17	2	17	6	50	2	17	640	17	8	37	33	23	640	16	7	52	30	11	644
B. about the same as my regular schoolwork	66	3	9	25	71	5	14	2	6	647	69	9	61	24	6	646	66	10	64	22	4	648
C. easier than my regular schoolwork	11	0	0	4	67	2	33	0	0	645	15	2	54	33	11	642	17	11	61	22	5	648
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	15	0	0	4	50	4	50	0	0	640	11	0	43	43	14	639	10	2	39	42	17	639
B. Most of the passages were about the same as what I normally read.	53	4	14	15	54	5	18	4	14	645	58	10	55	26	9	645	55	6	62	27	5	646
C. Most of the passages were easier than what I normally read.	32	1	6	12	71	4	24	0	0	648	31	6	64	23	7	646	35	16	67	14	3	651
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	47	4	16	13	52	5	20	3	12	647	56	10	56	24	10	645	48	10	60	24	6	647
B. I tried about the same as I do on my regular schoolwork.	49	1	4	17	65	8	31	0	0	645	41	5	58	28	9	644	49	10	63	22	5	648
C. I did not try as hard on this test as I do on my regular schoolwork.	4	0	0	1	50	0	0	1	50	635	3	9	27	55	9	641	3	3	53	29	15	642
How much time do you spend reading at home each day?																						
A. more than one hour	11	0	0	4	67	2	33	0	0	645	19	10	63	18	8	647	23	15	65	16	4	650
B. 20 minutes to an hour	70	4	11	24	65	8	22	1	3	648	60	8	60	25	7	646	49	10	64	22	4	648
C. less than 20 minutes	8	1	25	1	25	1	25	1	25	643	7	5	43	29	24	638	11	6	58	29	7	645
D. I rarely read at home.	11	0	0	2	33	2	33	2	33	635	14	4	33	47	16	639	17	2	51	36	11	642
Optional school/SAU question																						
A.	0										44	0	0	75	25	630						
B.	50	1	100	0	0	0	0	0	0	668	22	50	0	50	0	651						
C.	50	0	0	1	100	0	0	0	0	646	22	0	50	0	50	623						
D.	0										11	0	100	0	0	652						

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards
 N = Number

MATHEMATICS RESULTS

Test Date: March 2009
Grade: 6
SAU: Lewiston School Department
School: Thomas J McMahon Elementary Sc

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 662–680)	2006-2007	10	16	31	9	2092	15
	2007-2008	6	11	22	7	1474	10
	2008-2009	5	9	25	8	1807	13
	Cum. Total*	21	12	78	8	5373	13
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 642–660)	2006-2007	24	38	132	37	5731	40
	2007-2008	15	28	118	35	6008	43
	2008-2009	29	54	135	42	5662	41
	Cum. Total*	68	40	385	38	17401	41
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 628–640)	2006-2007	21	33	110	30	4175	29
	2007-2008	19	36	102	30	4244	30
	2008-2009	12	22	89	28	4219	30
	Cum. Total*	52	31	301	30	12638	30
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 600–626)	2006-2007	8	13	88	24	2308	16
	2007-2008	13	25	96	28	2346	17
	2008-2009	8	15	72	22	2290	16
	Cum. Total*	29	17	256	25	6944	16

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	56	100	32.3	57.7	28.4	50.7	30.6	54.6
A. Number	18	32	11.6	64.4	9.6	53.3	10.3	57.2
B. Data	12	21	6.8	56.7	6.2	51.7	6.6	55.0
C. Geometry	14	25	7.2	51.4	7.0	50.0	7.3	52.1
D. Algebra	12	21	6.6	55.0	5.6	46.7	6.5	54.2

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.



MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 6
 SAU: Lewiston School Department
 School: Thomas J McMahon Elementary Sc

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	54	5	9	29	54	12	22	8	15	645	321	8	42	28	22	640	13978	13	41	30	16	643
Ethnicity																						
African American/Black	5	0	0	0	0	1	20	4	80	622	69	3	25	22	51	629	406	4	26	36	34	633
American Indian or Native Alaskan	0										1						126	4	29	40	28	635
Asian or Pacific Islander	0										3						208	18	47	23	12	647
Hispanic	0										6	0	33	67	0	639	175	5	31	41	23	638
Caucasian/White	49	5	10	29	59	11	22	4	8	648	242	9	47	29	15	642	13063	13	41	30	16	643
Not Reported	0										0						0					
Identified disability																						
Yes	20	0	0	6	30	8	40	6	30	633	55	2	20	33	45	629	2248	3	18	33	46	629
No	34	5	15	23	68	4	12	2	6	652	266	9	47	27	18	642	11730	15	45	30	11	646
Current LEP																						
Yes	4										49	2	10	22	65	623	331	3	22	35	40	631
No	50	5	10	29	58	11	22	5	10	647	272	9	48	29	15	642	13647	13	41	30	16	643
Economically disadvantaged																						
Yes	21	0	0	11	52	6	29	4	19	640	208	5	38	27	29	636	5620	6	33	37	25	637
No	33	5	15	18	55	6	18	4	12	649	113	12	49	29	10	645	8358	18	45	26	11	647
Migrant																						
Yes	0										0						4					
No	54	5	9	29	54	12	22	8	15	645	321	8	42	28	22	640	13974	13	41	30	16	643
Gender																						
Female	26	3	12	13	50	6	23	4	15	646	163	6	42	30	22	639	6738	12	40	32	16	642
Male	28	2	7	16	57	6	21	4	14	644	158	10	42	25	23	641	7240	14	41	29	16	644
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	8	0	0	4	50	3	38	1	13	640	104	0	19	40	40	629	1410	3	24	41	32	634
No	46	5	11	25	54	9	20	7	15	646	217	12	53	22	14	645	12568	14	42	29	15	644
Gifted/talented program																						
Yes	7	5	71	2	29	0	0	0	0	666	34	53	47	0	0	664	637	65	32	3	0	665
No	47	0	0	27	57	12	26	8	17	642	287	2	41	31	25	637	13341	10	41	31	17	642

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
 Grade: 6
 SAU: Lewiston School Department
 School: Thomas J McMahon Elementary Sc

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	15	1	13	5	63	0	0	2	25	646	7	5	27	32	36	631	6	7	32	28	32	636
B. less than one hour	75	4	10	21	54	10	26	4	10	646	58	10	46	27	17	642	59	13	41	30	16	643
C. one to two hours	10	0	0	2	40	1	20	2	40	634	29	4	37	30	29	637	32	14	41	31	14	644
D. more than two hours	0										6	6	50	17	28	640	3	11	31	33	26	639
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	28	3	20	7	47	3	20	2	13	648	32	15	48	23	15	644	30	27	45	18	9	651
B. good	53	2	7	15	54	6	21	5	18	646	48	6	46	27	22	640	46	9	45	31	15	643
C. fair	19	0	0	7	70	2	20	1	10	641	17	2	27	33	38	632	20	2	29	43	26	635
D. poor	0										3	0	10	60	30	629	4	1	15	46	38	630
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	51	4	15	12	44	8	30	3	11	646	43	10	49	26	15	643	35	18	42	27	13	646
B. They match some of what I have learned.	43	1	4	16	70	3	13	3	13	647	48	7	40	29	24	639	50	11	43	31	15	643
C. They match just a little of what I have learned.	2	0	0	0	0	0	0	1	100	622	6	0	25	30	45	628	13	8	31	36	26	638
D. There is no match.	4	0	0	1	50	0	0	1	50	632	3	0	20	30	50	626	3	5	16	27	51	628
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	42	1	5	14	64	3	14	4	18	642	37	5	38	24	33	635	32	7	40	34	20	640
B. about the same as my regular schoolwork	47	4	16	11	44	7	28	3	12	648	53	10	44	29	17	642	56	13	42	30	15	644
C. easier than my regular schoolwork	11	0	0	4	67	1	17	1	17	645	11	6	47	32	15	643	12	31	36	20	13	650
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	53	0	0	15	54	5	18	8	29	640	60	7	43	25	26	639	51	11	41	31	16	643
B. I tried about the same as I do on my regular schoolwork.	43	5	22	13	57	5	22	0	0	652	36	10	45	27	18	640	45	15	41	29	16	644
C. I did not try as hard on this test as I do on my regular schoolwork.	4	0	0	1	50	1	50	0	0	647	4	0	31	62	8	640	4	12	28	32	28	638
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	0										5	0	41	0	59	627	6	8	29	29	34	635
B. 30–45 minutes	19	0	0	5	50	3	30	2	20	638	23	3	37	39	21	636	33	10	37	34	19	641
C. 45–60 minutes	72	4	11	23	61	7	18	4	11	648	44	10	49	28	13	644	45	15	44	29	12	645
D. more than 60 minutes	9	1	20	1	20	1	20	2	40	639	27	10	35	22	33	638	16	15	41	28	16	644
How often do you use calculators in mathematics class?																						
A. almost every day	2	1	100	0	0	0	0	0	0	680	9	10	23	27	40	635	9	14	35	29	22	641
B. two or three days a week	9	1	20	2	40	0	0	2	40	646	31	4	37	35	24	637	26	15	40	30	16	644
C. two or three times each month	28	3	20	8	53	1	7	3	20	649	29	15	45	25	15	644	31	13	43	30	14	644
D. never or almost never	60	0	0	19	59	10	31	3	9	643	31	4	50	23	22	640	34	11	40	31	18	642
How often do you use hands-on materials in mathematics class?																						
A. almost every day	12	0	0	3	50	2	33	1	17	639	22	7	31	24	38	634	17	8	35	33	24	639
B. two or three days a week	17	2	22	3	33	2	22	2	22	643	26	10	41	26	23	640	28	13	42	30	15	643
C. two or three times each month	37	3	16	10	53	2	11	4	21	649	30	9	42	30	19	641	31	15	43	30	13	645
D. never or almost never	35	0	0	12	67	5	28	1	6	645	22	4	53	30	13	642	23	14	39	30	17	643
Optional school/SAU question																						
A.	0										44	0	0	0	100	610						
B.	50	0	0	1	100	0	0	0	0	660	22	0	50	50	0	648						
C.	50	0	0	1	100	0	0	0	0	642	22	0	50	0	50	621						
D.	0										11	0	100	0	0	660						